Title : SDK/Demo software Installation manual for windows using Matrox grabber

Document number :

Issue : 1.0.1

Classification :

Customer :

Date : 14/04/2014

	Name and Function	Signature	Date
Prepared by :	LEMARCHAND Stephane		19/03/2014
Reviewed by :			
Approved by :			

Revision history

Issue	Date	Para	Details
0.9.0	23/12/2013		Initial release
1.0.0	19/03/2014		Manual for windows/matrox only
1.0.1	14/03/2014		Add Flat/Bias software

Internal diffusion

Issue	Date	Name

External diffusion

Issue	Date	Name	Affiliation

Table of contents

Table des matières

Applicable documents....4
Reference documents....4
Ocam2 SDK and Demo software installation....5
Host configuration....5
Software installation Step 1....6
Step 2....7
Step 3....8
Step 4....9
Step 5....10
Step 6.1....11
Step 6.2....12
Step 7.1....13
Step 7.2....14
Step 7.3....15
Step 8....16
Step 9....17
Step 10....18
Step 11.1....19
Step 11.2....20

1. Applicable documents

Doc	Revision	Name	Author
	1.0.1	SDK/Demo software user Manual	LEMARCHAND Stephane

2. Reference documents

Doc	Revision	Name	Author

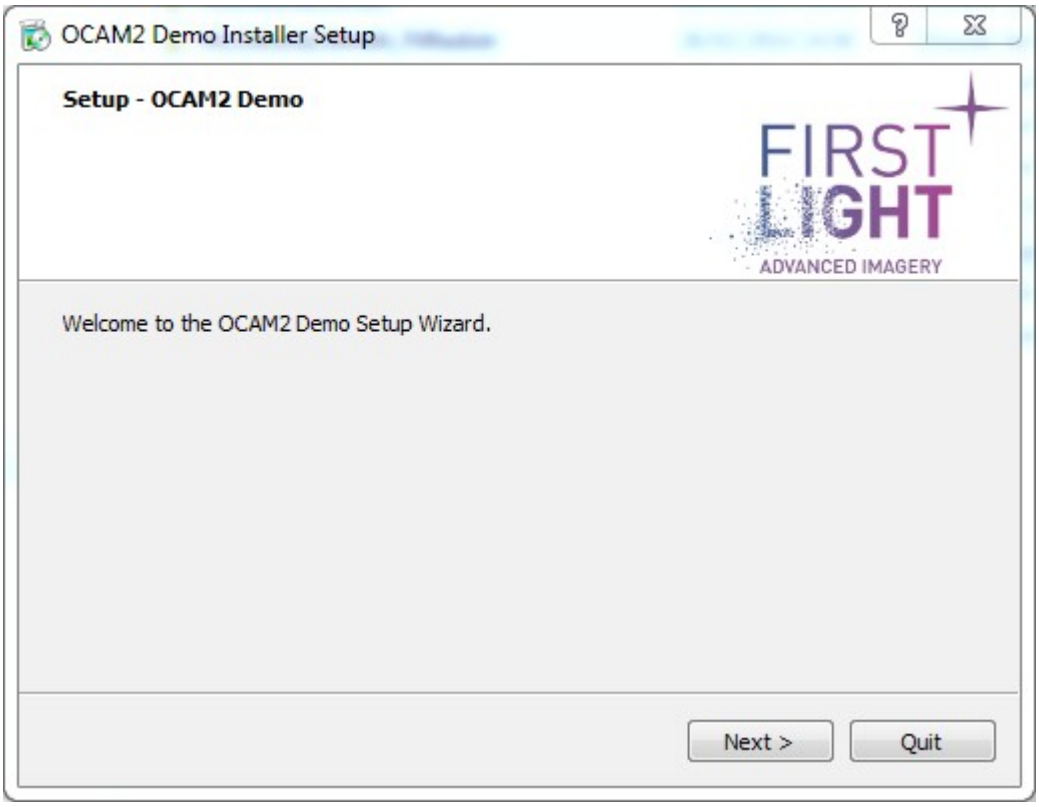
3. Ocam2 SDK and Demo software installation

3.1. Host configuration

The software and the installer have been validated on windows seven 7 pro 64bit only.
The installer will provide Matrox MIL10 redistributable and Microsoft vc++12 redistributable if required.
If you already have a full MIL10 installation, you don't need the redistributable.
The installer will install the sdk and demo software sources as zip files in the installation directory.

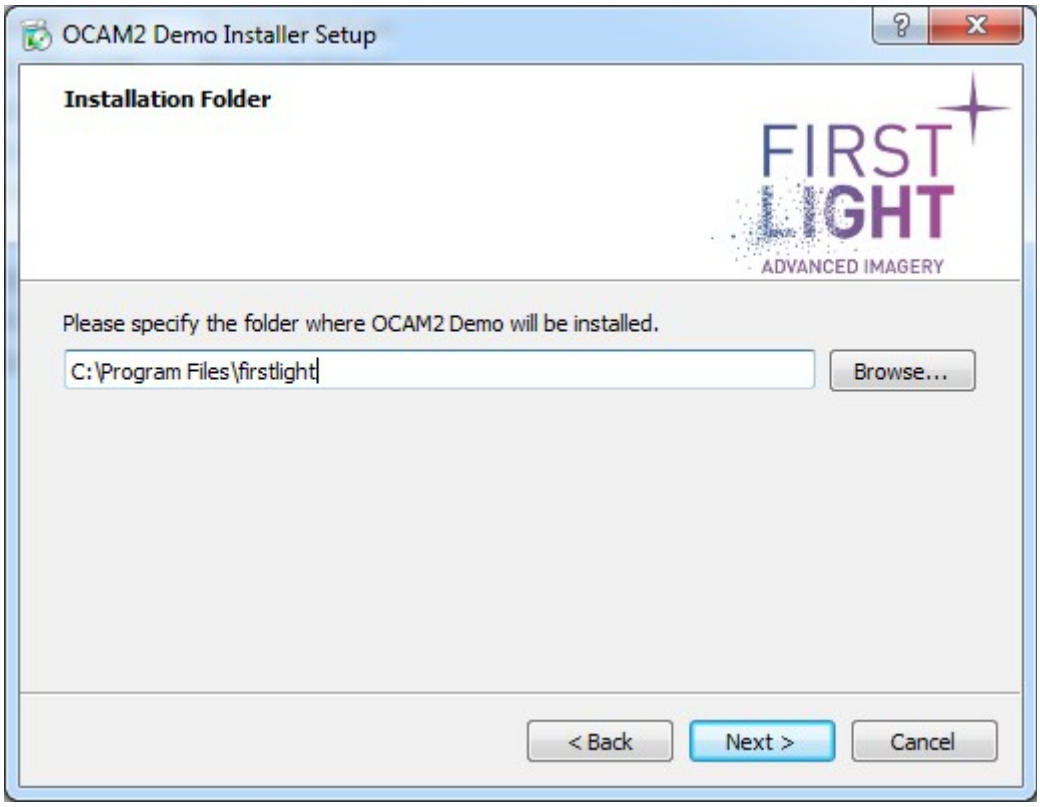
3.2. Software installation Step 1

Double click on ocam2Demo file, you should get the following window :



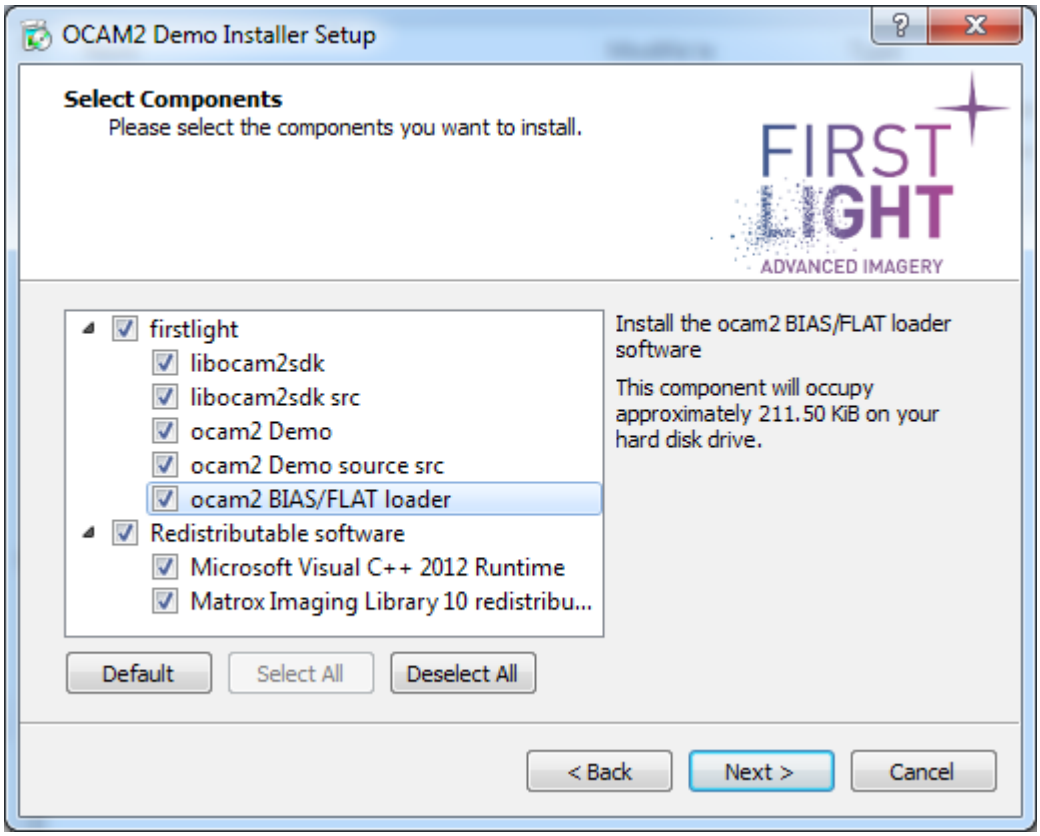
3.3. Step 2

Click on next, then choose the install directory,



3.4. Step 3

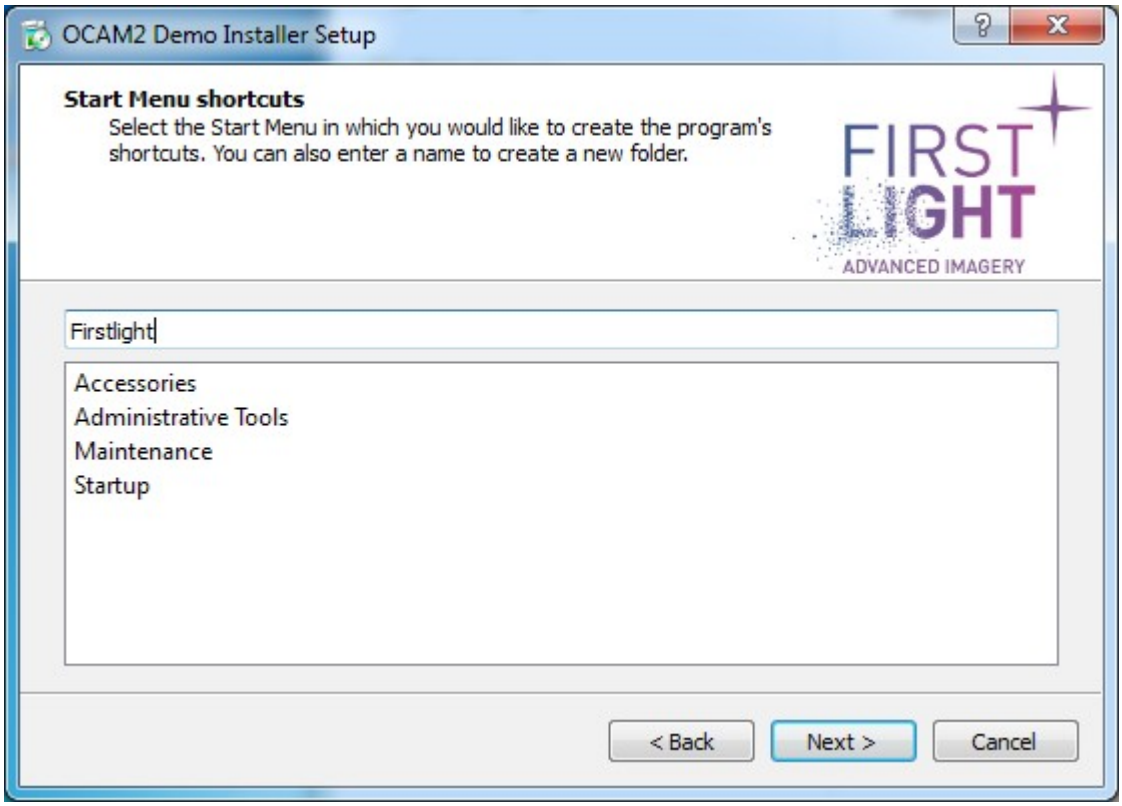
Select the packages you want to install and click Next.



Notice:
If redistributable are checked by default ,you should install them,
Indeed the installer is able to detect the presence of redistributable on the host and if it finds them they aren't checked by default.
In the libocam2sdk installation folder, there will be library binary, header file and sdk API documentation.
But remember, sdk and demo software sources will be copy in the installation directory.

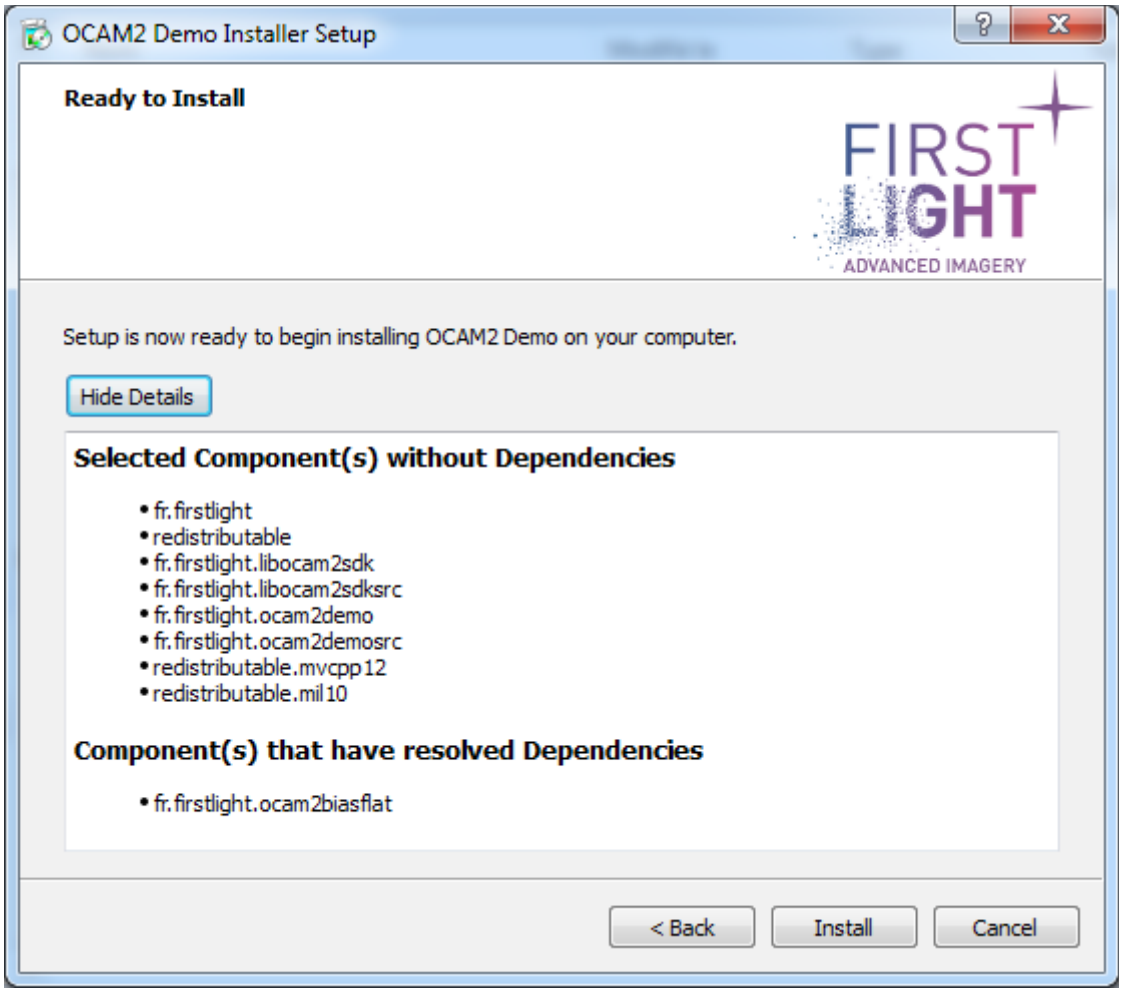
3.5. Step 4

Select the Menu shortcut you want then click Next.



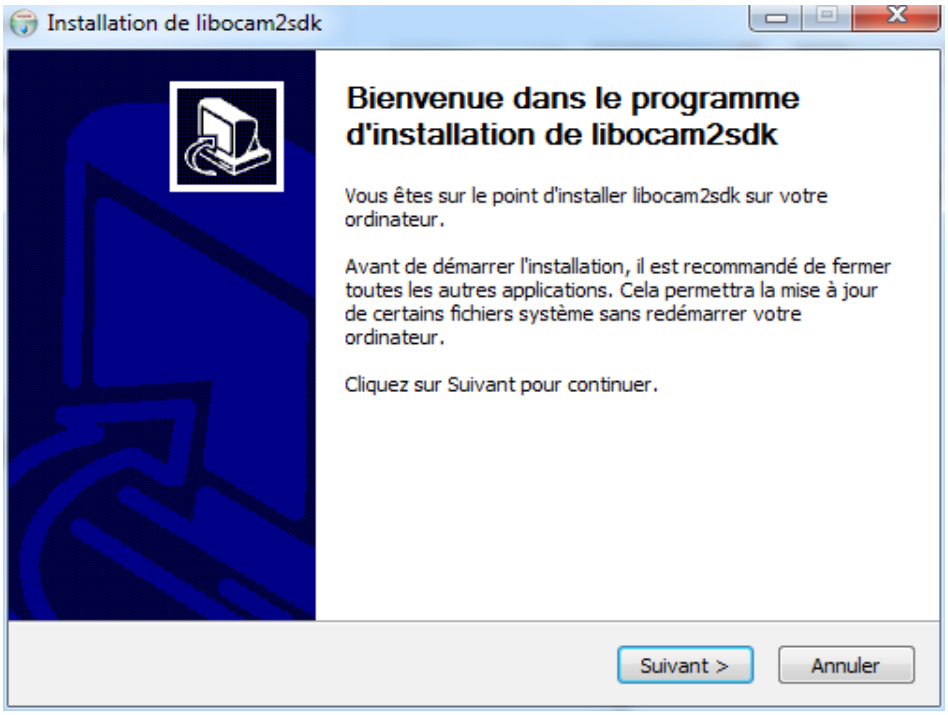
3.6. Step 5

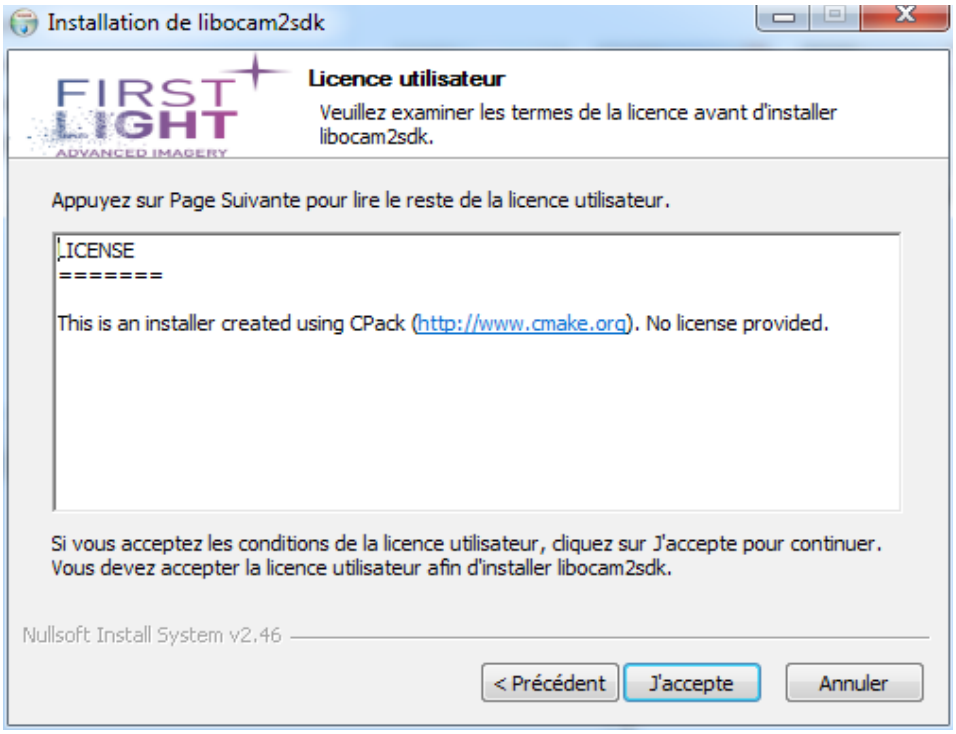
Click on install button,



3.7. Step 6.1

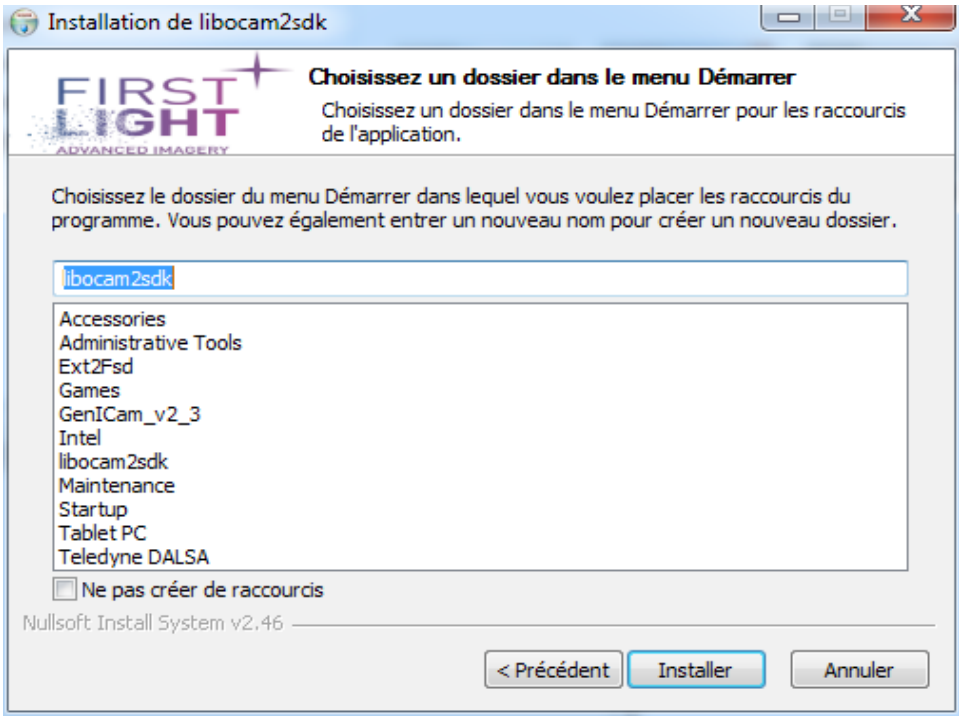
The libocam2sdk installer pop up, click on next then accept,

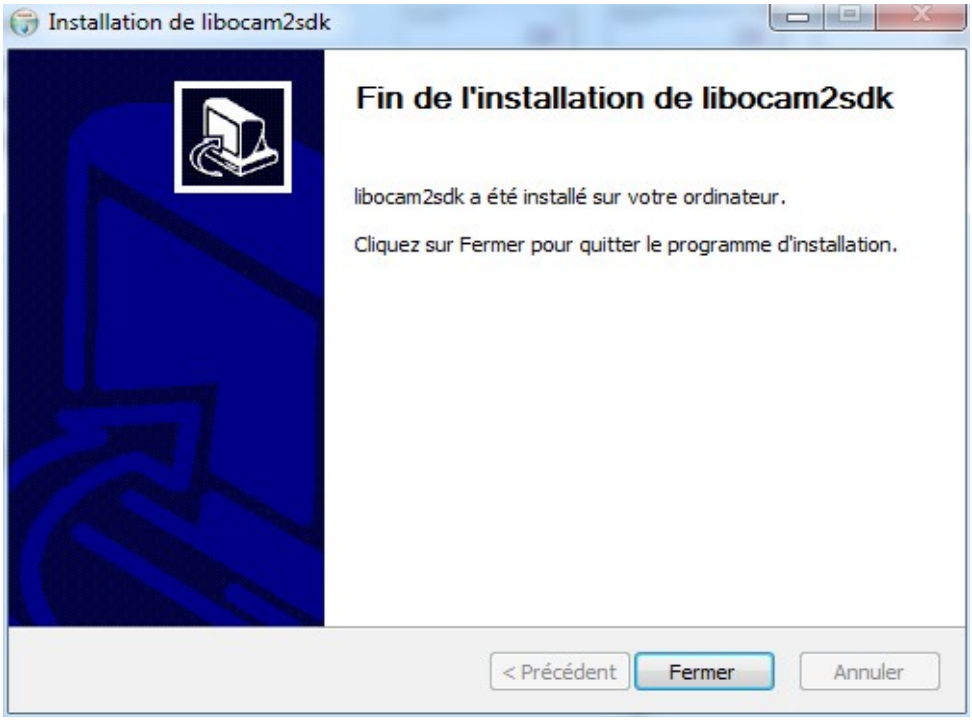

Installation de libocam2sdk
Bienvenue dans le programme d'installation de libocam2sdk
Vous êtes sur le point d'installer libocam2sdk sur votre ordinateur.
Avant de démarrer l'installation, il est recommandé de fermer toutes les autres applications. Cela permettra la mise à jour de certains fichiers système sans redémarrer votre ordinateur.
Cliquez sur Suivant pour continuer.
Suivant >
Annuler


Installation de libocam2sdk
FIRST LIGHT ADVANCED IMAGERY
Licence utilisateur
Veuillez examiner les termes de la licence avant d'installer libocam2sdk.
Appuyez sur Page Suivante pour lire le reste de la licence utilisateur.
LICENSE
=======
This is an installer created using CPack (http://www.cmake.org). No license provided.
Si vous acceptez les conditions de la licence utilisateur, cliquez sur J'accepte pour continuer.
Vous devez accepter la licence utilisateur afin d'installer libocam2sdk.
Nullsoft Install System v2.46
< Précédent
J'accepte
Annuler

3.8. Step 6.2

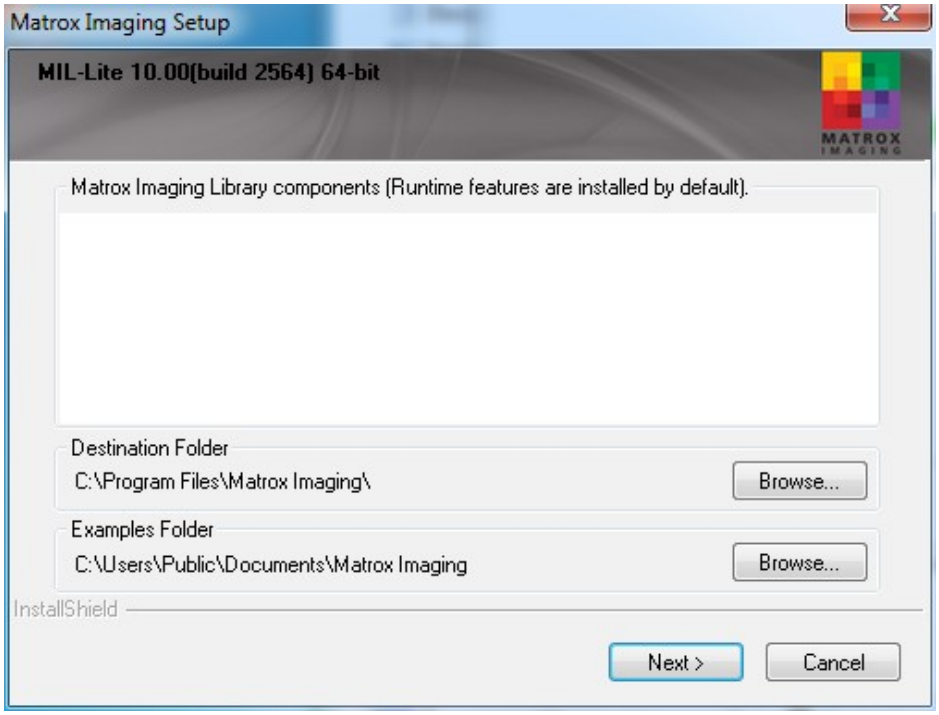
Select menu folder, click on install and at the end close.

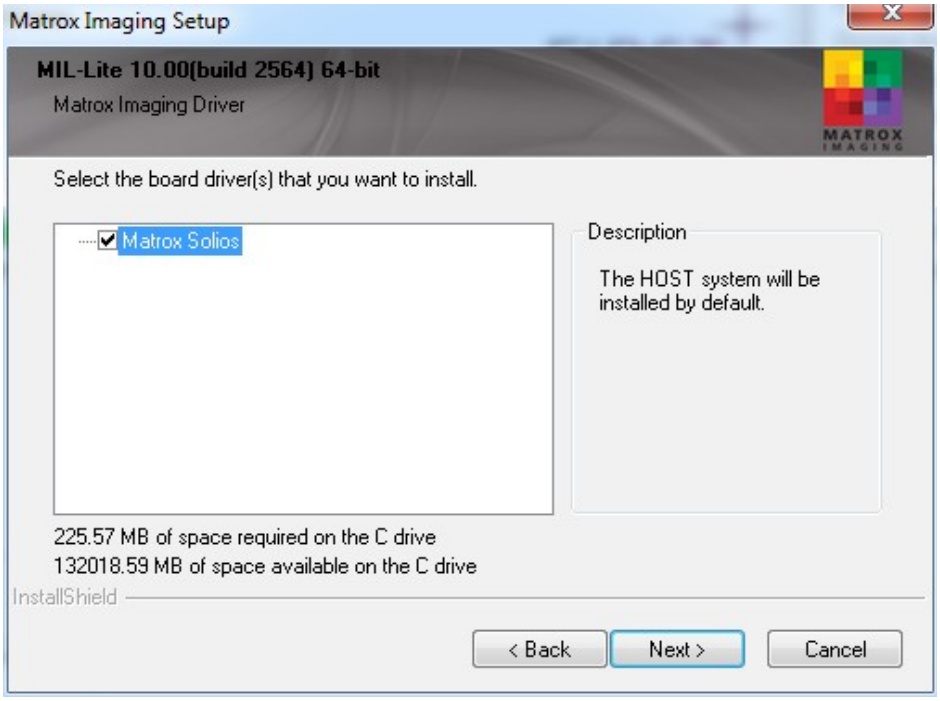




3.9. Step 7.1

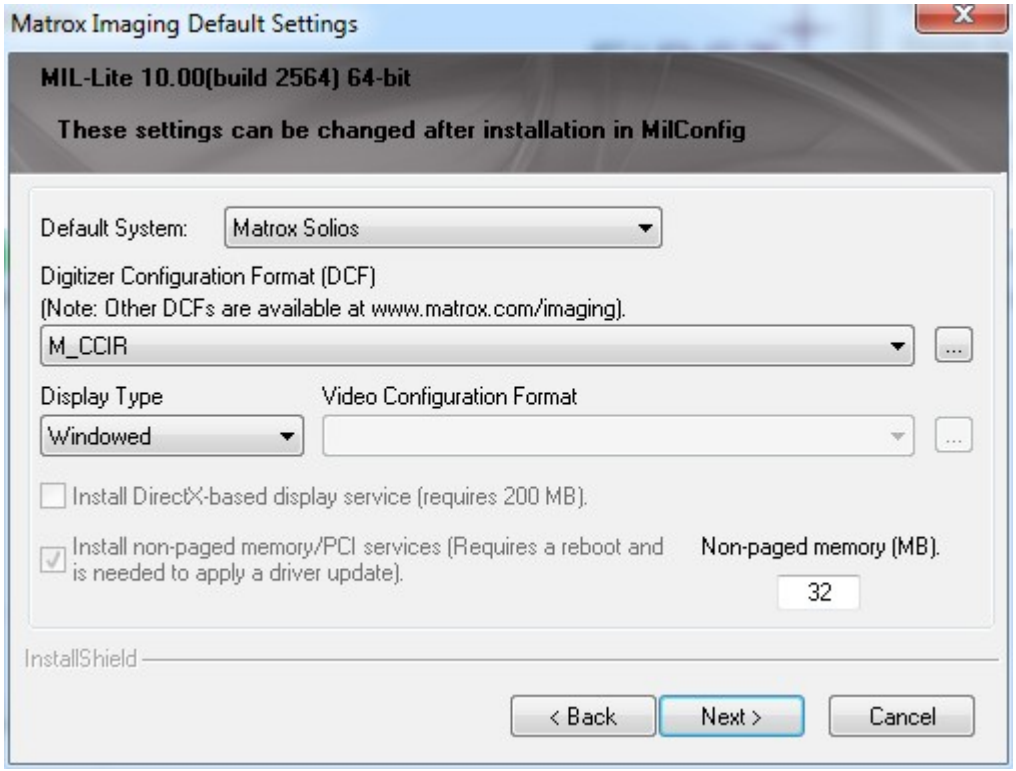
The MIL10 installer will pop up, click next, select Matrox Solios and click next.



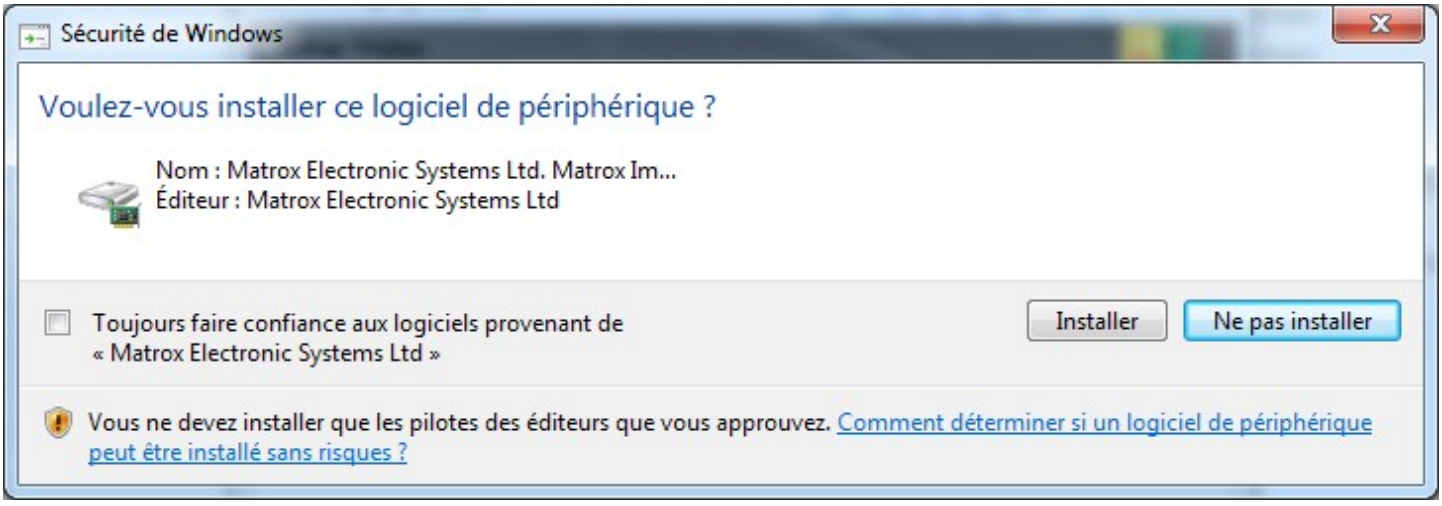

Matrox Imaging Setup
MIL-Lite 10.00(build 2564) 64-bit
Matrox Imaging Driver
MATROX IMAGING
Select the board driver(s) that you want to install.
Matrox Solios
Description
The HOST system will be installed by default.
225.57 MB of space required on the C drive
132018.59 MB of space available on the C drive
InstallShield
< Back
Next >
Cancel

3.10. Step 7.2

Select Matrox Solios, M_CCIR, Windowed, then Next.

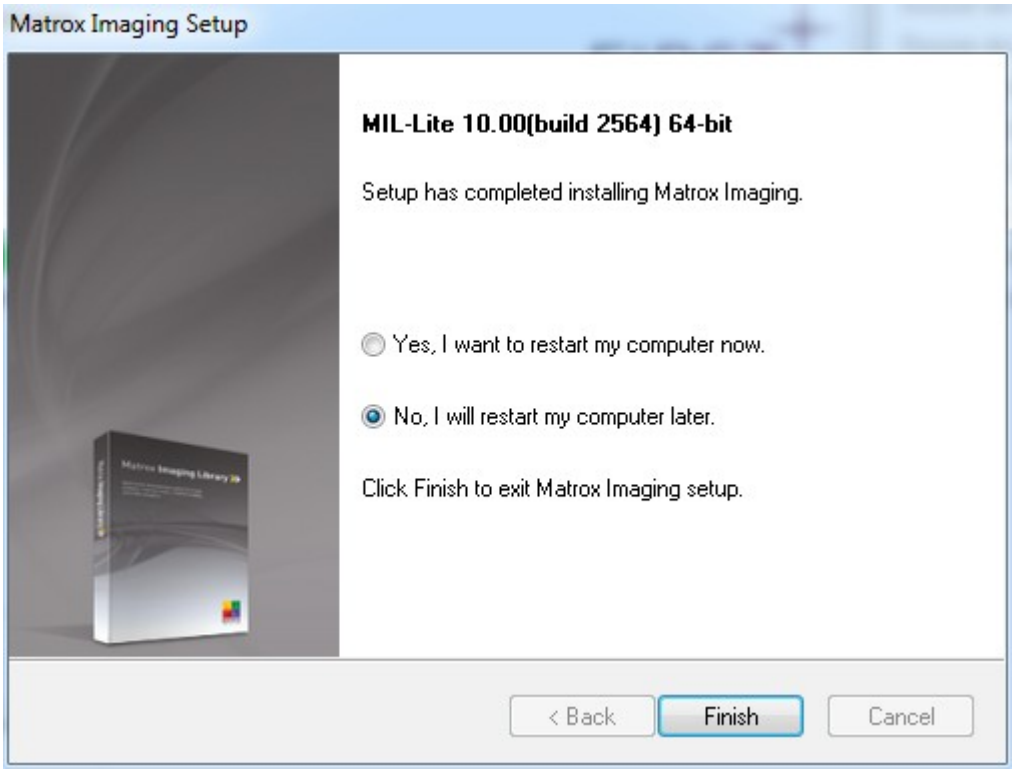


Several Matrox driver installer windows will pop up, click install each time.


Sécurité de Windows
Voulez-vous installer ce logiciel de périphérique ?
Nom : Matrox Electronic Systems Ltd. Matrox Im...
Éditeur : Matrox Electronic Systems Ltd
Toujours faire confiance aux logiciels provenant de « Matrox Electronic Systems Ltd »
Installer
Ne pas installer
Vous ne devez installer que les pilotes des éditeurs que vous approuvez. Comment déterminer si un logiciel de périphérique peut être installé sans risques ?

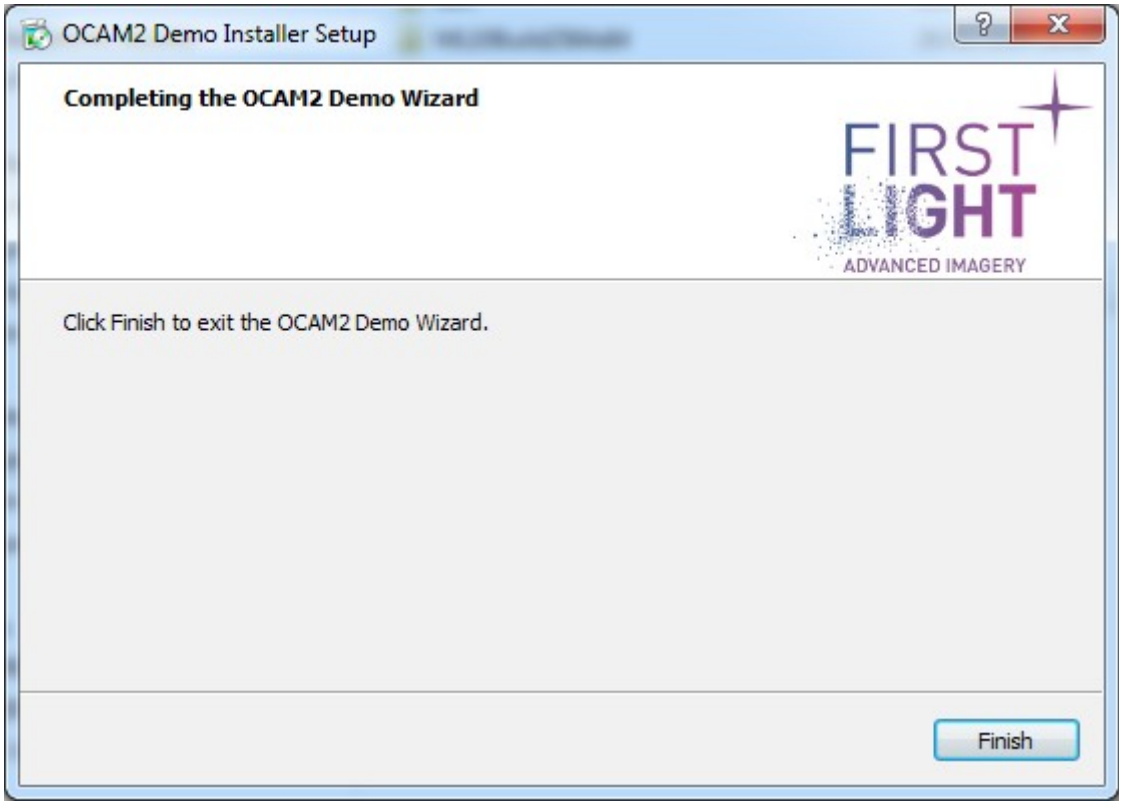
3.11. Step 7.3

Select No, I will restart my computer later then Finish.


Matrox Imaging Setup
MIL-Lite 10.00(build 2564) 64-bit
Setup has completed installing Matrox Imaging.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Click Finish to exit Matrox Imaging setup.
< Back
Finish
Cancel

3.12. Step 8

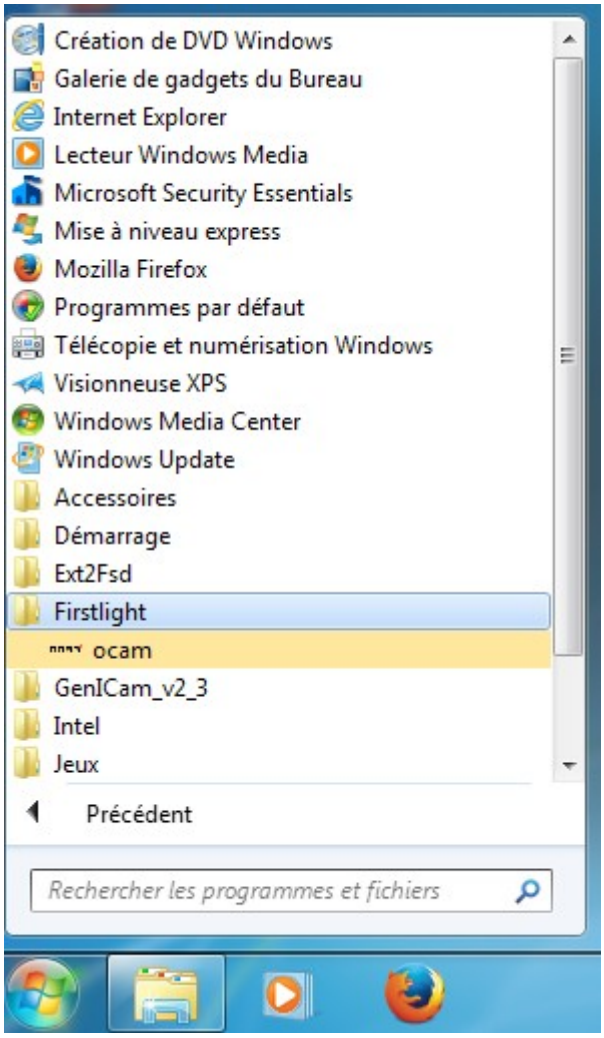
Press Finish button,

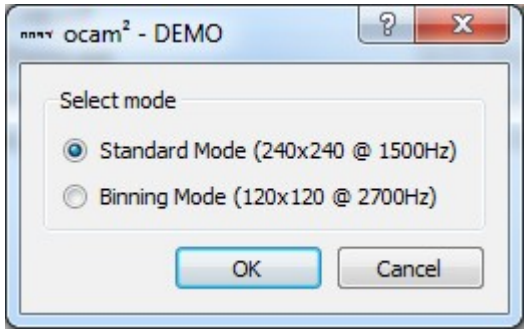


Now, Restart your computer !!!

3.13. Step 9

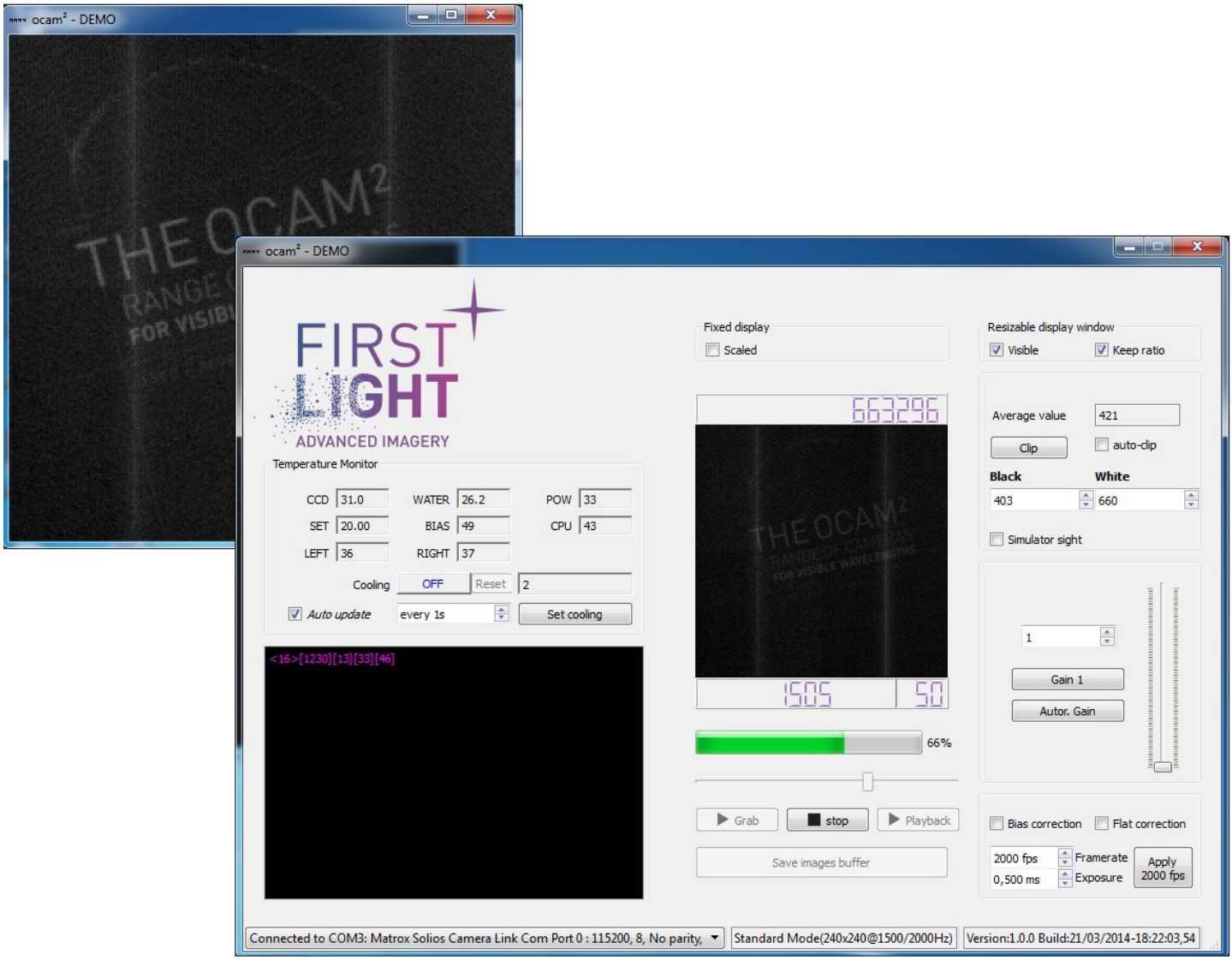
Start the ocam demo software, then select the running mode and click ok.





3.14. Step 10

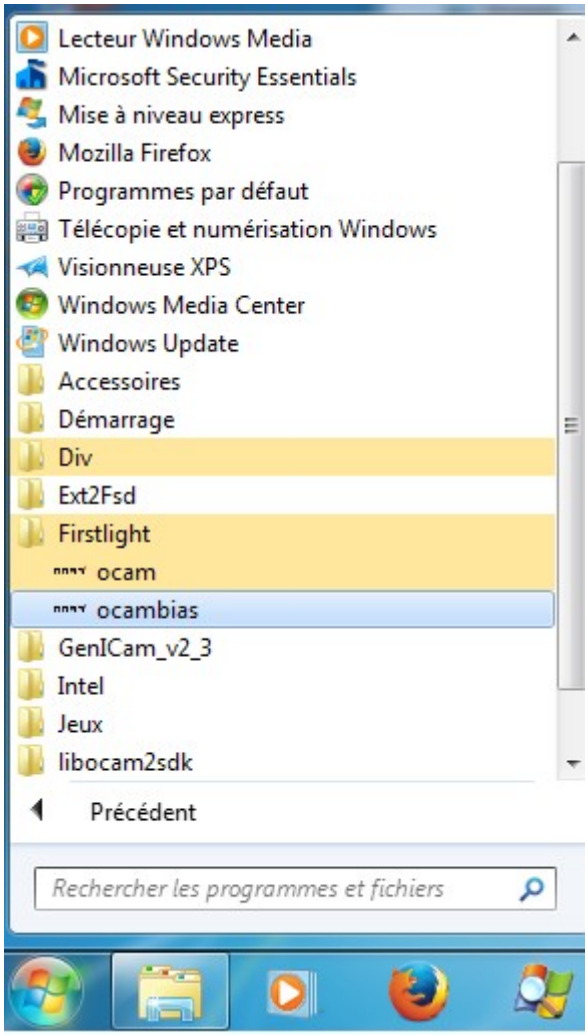
The ocam2 demo software should appear, enjoy.



For more information on the software, read the ocam2sdkDemo user manual.

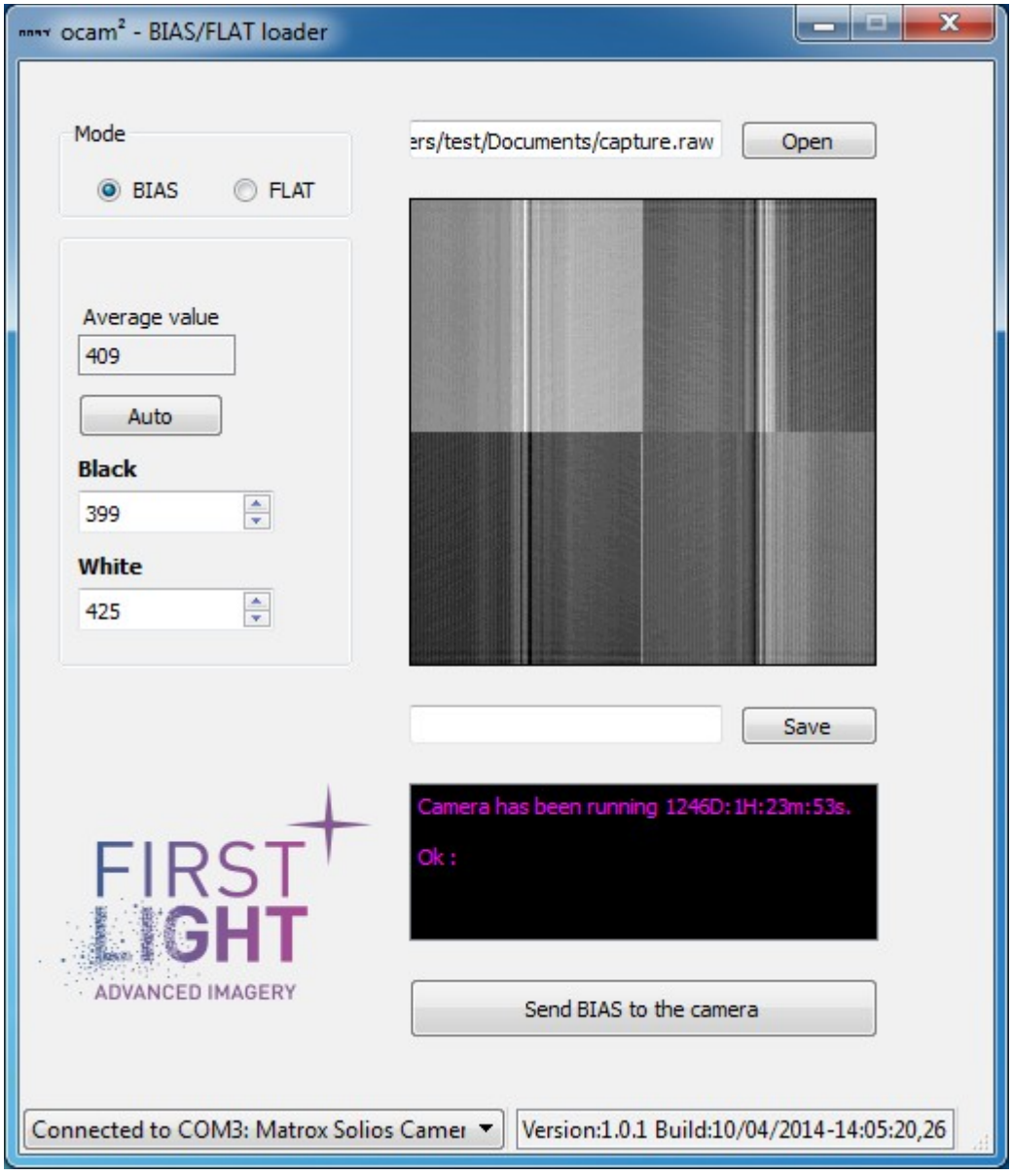
3.15. Step 11.1

Close ocam2 demo and start ocamBias software.



3.16. Step 11.2

The ocam2 BIAS/FLAT loader software should appear.



For more information on the software, read the ocam2sdkDemo user manual.